

pH: 2.5 - 4.5 @ 5 g/l

Melting point/range (°C): Not applicable

Flash point (°C): Not applicable

Autoignition temperature (°C): Not applicable

Approx. bulk density: 0.6 - 0.9

Water solubility: See Technical Bulletin

LogPow: 0

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous polymerisation does not occur.

Materials to avoid: Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products: Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x).

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity:

Oral: LD50/oral/rat > 5000 mg/kg.

Dermal: The results of testing on rabbits showed this material to be non-toxic even at high dose levels.

Inhalation: The product is not expected to be toxic by inhalation.

Irritation:

Skin: Based on laboratory tests, this product does not cause skin irritation.

Eyes: Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctivae.

Sensitization: The results of testing on guinea pigs showed this material to be non-sensitizing.

Chronic toxicity: A one-year feeding study on dogs did not reveal adverse health effects. A two-year feeding study on rats did not reveal adverse health effects.

Component Information

Adipic acid

Irritation:

Eyes: Irritating